

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	09/998861	US-PGPUB; USPAT; EPO; JPO; DERWENT	NEAR	ON	2005/12/29 14:47
L2	5	Ericson johan	US-PGPUB; USPAT; EPO; JPO; DERWENT	NEAR	ON	2005/12/29 14:47
L3	45	James Briscoe	US-PGPUB; USPAT; EPO; JPO; DERWENT	NEAR	ON	2005/12/29 14:47
L4	17	John Rubenstein	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:47
L5	226	NKx2\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:47
L6	965	Grg\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:47
L7	7	L5 and L6	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:47
L8	167	Groucho-interacting Groucho-corepressor Groucho	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/29 14:48
L9	1	Groucho-interacting Groucho-corepressor complex	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2005/12/29 14:48
L10	16	Grg4	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:49
L11	77	"NKx2.2"	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:49
L12	2	l10 and l11	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2005/12/29 14:49
L13	11	L5 and L8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/29 14:50

=> d his

(FILE 'MEDLINE, CANCERLIT, AGRICOLA, CAPLUS, SCISEARCH' ENTERED AT  
14:53:30 ON 29 DEC 2005)

DEL HIS

L1 3173 S NKX?  
L2 2543 S GRG?  
L3 2 S L1 (L) L2  
L4 383 S NKX2.2  
L5 47 S GRG4  
L6 1 S L4 AND L5  
L7 809 S GROUCHO?  
L8 127 S L7 AND (L1 OR L2)  
L9 39 S L7 AND (L4 OR L5)  
L10 9 S L9 AND PY<=2000  
L11 45 S L8 AND PY<=2000  
L12 4 DUP REM L10 (5 DUPLICATES REMOVED)  
L13 19 DUP REM L11 (26 DUPLICATES REMOVED)  
L14 19 S L12 OR L13  
L15 3 S L14 AND NEURO?

=> d an ti so au ab 13 2

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:248112 CAPLUS

DN 134:338629

TI Groucho-mediated transcriptional repression establishes progenitor cell pattern and neuronal fate in the ventral neural tube

SO Cell (Cambridge, MA, United States) (2001), 104(6), 861-873

CODEN: CELLB5; ISSN: 0092-8674

AU Muhr, Jonas; Andersson, Elisabet; Persson, Madelen; Jessell, Thomas M.; Ericson, Johan

AB The pattern of neuronal specification in the ventral neural tube is controlled by homeodomain transcription factors expressed by neural progenitor cells, but no general logic has emerged to explain how these proteins determine neuronal fate. We show that most of these homeodomain proteins possess a conserved eh1 motif that mediates the recruitment of Gro/TLE corepressors. The eh1 motif underlies the function of these proteins as repressors during neural patterning *in vivo*. Inhibition of Gro/TLE-mediated repression *in vivo* results in a deregulation of cell pattern in the neural tube. These results imply that the pattern of neurogenesis in the neural tube is achieved through the spatially controlled repression of transcriptional repressors-a derepression strategy of neuronal fate specification.

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